

U.S. PTO Customer No. 25280

Case# 5719

CLAIM AMENDMENTS

Claim 1 (currently amended) A liquid cleaning composition for a textile substrate ~~comprised~~
consisting essentially of:

- (a) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water ~~insoluble~~ insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
- (b) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter; and
- (c) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion.

Claim 2 (original) The liquid cleaning composition of claim 1, wherein said average particle size of said absorbent particulate is from about 10 to about 200 microns.

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Claim 3 (original) The liquid cleaning composition of claim 1, wherein said average particle size of said absorbent particulate is from about 10 to about 105 microns.

Claim 4 (original) The liquid cleaning composition of claim 1, wherein said average particle size of said absorbent particulate is from about 35 to about 105 microns.

Claim 5 (original) The liquid cleaning composition of claim 1, wherein said absorbent particulate is urea formaldehyde polymeric material.

Claim 6 (original) The liquid cleaning composition of claim 1, wherein said water insoluble inorganic salt adjuvant is selected the group consisting of sulfates, carbonates, borates, citrates, phosphates, metasilicates and mixtures thereof.

Claim 7 (original) The liquid cleaning composition of claim 6, wherein said water insoluble inorganic salt adjuvant is calcium carbonate.

Claim 8 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition comprises at least 50 parts water.

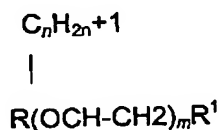
Claim 9 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition comprises at least 75 parts water.

Claim 10 (original) The liquid cleaning composition of claim 1, wherein said surfactant is selected from the group consisting of nonionic surfactants, anionic surfactants, cationic surfactants, and combinations thereof.

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Claim 11 (original) The liquid cleaning composition of claim 10, wherein said surfactant is a nonionic surfactant, and wherein said nonionic surfactant has the formula:



where n is 0 or 1, m is 3 to 20, R¹ is OH or OCH₃, R is C₁₂ to C₂₂ alkyl or phenyl or naphthyl optionally substituted by C₁ to C₁₀ alkyl groups.

Claim 12 (original) The liquid cleaning composition of claim 10, wherein said surfactant is an anionic surfactant, and wherein said anionic surfactant is a long chain alcohol sulfate ester or an alkylene oxide additive of C₆-C₁₀ mono and diesters of ortho-phosphoric acid.

Claim 13 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition further includes an organic liquid.

Claim 14 (original) The liquid cleaning composition of claim 13, wherein said organic liquid is selected from the group consisting of C₁ to C₄ aliphatic alcohols, high boiling hydrocarbon solvents and mixtures thereof.

Claim 15 (original) The liquid cleaning composition of claim 14, wherein said organic liquid is a high boiling hydrocarbon solvent.

Claim 16 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition further includes an acrylic stain resist agent.

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Claim 17 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition further includes a biocide.

Claim 18 (original) The liquid cleaning composition of claim 17, wherein said biocide is selected from the group consisting of potassium sorbate, an isothiazolone compound and mixtures thereof.

Claim 19 (original) The liquid cleaning composition of claim 17, wherein said liquid cleaning composition further includes an aerosol propellant.

Claim 20 (original) The liquid cleaning composition of claim 1, wherein said aerosol propellant is selected from the group consisting of propane, butane, carbon dioxide and mixtures thereof.

Claim 21 (original) The liquid cleaning composition of claim 14, wherein said liquid cleaning composition further includes a static reducing additive.

Claim 22 (original) The liquid cleaning of claim 21, wherein said static reducing additive is aluminum silicate clay.

Claim 23 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition further includes a dust suppressing additive.

Claim 24 (original) The liquid cleaning composition of claim 23, wherein said dust suppressing additive is selected from the group consisting of polyoxyalkylene materials, non-volatile organic solvents, and mixtures thereof.

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Claim 25 (original) The liquid cleaning composition of claim 24, wherein said dust suppressing additive is dipropylene glycol.

Claim 25 (cancelled)

Claim 26 (original) The liquid cleaning composition of claim 1, wherein said liquid cleaning composition further includes a vacuum retrieval additive.

Claim 27 (original) The liquid cleaning composition of claim 26, wherein said vacuum retrieval additive is selected from the group consisting of polyoxyalkylene materials, aluminum silicate clay, hydrolyzed styrene maleic anhydride, and mixtures thereof.

Claim 28 (original) The cleaning composition of claim 1, wherein said cleaning composition further includes a metal ion chelator.

Claim 29 (original) The cleaning composition of claim 1, wherein said cleaning composition further includes a pH adjuster.

Claim 30 (original) The cleaning composition of claim 1, wherein said cleaning composition further includes a fragrance.

Claim 31 (currently amended) A liquid cleaning composition for a textile substrate comprised of:

- (a) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles,

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- water ~~insoluble~~ insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
- (b) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter;
- (c) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion; and
- (d) from about 0.01 to about 50 parts by weight of a vacuum retrieval additive selected from the group consisting of polyoxyalkylene materials, aluminum silicate clay, hydrolyzed styrene maleic anhydride, and mixtures thereof.

Claim 32 (original) The liquid cleaning composition of claim 31, wherein said liquid cleaning composition further includes an organic liquid selected from the group consisting of C₁ to C₄ aliphatic alcohols, high boiling hydrocarbon solvents, and mixtures thereof.

Claim 33 (original) The liquid cleaning composition of claim 31, wherein said liquid composition further includes a dust suppressing additive.

Claim 34 (currently amended) A liquid cleaning composition for a textile substrate comprised of:

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- (a) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water ~~insoluble~~ insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
- (b) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter;
- (c) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion;
- (d) from about 0.01 to about 50 parts by weight of a vacuum retrieval additive selected from the group consisting of polyoxyalkylene materials, aluminum silicate clay, hydrolyzed styrene maleic anhydride, and mixtures thereof; and
- (e) from about 0.01 to about 50 parts by weight of an organic liquid selected from the group consisting of C₁ to C₄ aliphatic alcohols, high boiling hydrocarbon solvents, and mixtures thereof.

Claim 35 (original) The liquid cleaning composition of claim 34, wherein said liquid composition further includes a pH adjuster.

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Claim 36 (original) The liquid cleaning composition of claim 34, wherein said liquid composition further includes a fragrance.

Claim 37 (currently amended) A liquid cleaning composition for a textile substrate comprised of:

- (a) less than about 75 parts by weight of at least one absorbent particulate selected from the group consisting of a urea formaldehyde polymeric material, polyurethane, polystyrene, phenol-formaldehyde resin particles, water ~~insoluble~~ insoluble inorganic salt adjuvants, cellulosic particles, diatomaceous earth particles, wood particles, particles made from grains and other vegetable matter, cellulosic particles, inorganic particles and mixtures thereof, wherein said absorbent particulate has an average particle size of from about 10 to about 300 microns in diameter and an oil absorption value of at least 40;
- (b) at least 35 parts water, wherein said water contains a surfactant sufficient to provide a surface tension of less than about 40 dynes per centimeter; and
- (c) from about 0.01 to about 50 parts by weight of a dispersion stabilizing agent selected from the group consisting of air, cellulosic polymers, starches, clay compounds, xanthan gums, polyacrylic acids and esters, polyacrylamide, polyvinyl alcohol and mixtures thereof, wherein said dispersion stabilizing agent is present in an amount sufficient to produce a stable or easily redispersed dispersion; and
- (d) from about 0.01 to about 50 parts by weight of an acrylic stain resist agent.

Claim 38 (previously presented) The liquid cleaning composition of claim 24, wherein said dust suppressing additive is mineral oil.